

IN THE CLAIM

No claim has been amended by this Amendment after Final .

1 1. (Previously Presented) A process for quantitating a human DNA in a sample, said
2 process comprising the steps of:
3 providing a sample to be analyzed;
4 amplifying predetermined genomic DNA containing an *Alu* element by using primers,
5 said *Alu* element being enriched in the human genome compared to non-human primates
6 genomes, the amplification being intra-*Alu* polymerase chain reaction amplification; and
7 quantitating the human DNA by comparing the amplified DNA with a reference.

1 2. (Canceled)

1 3. (Canceled)

1 4. (Canceled)

1 5. (Previously Presented) The process of claim 1, wherein the amplification is a
2 polymerase chain reaction with the primers containing the following sequences:

3 5' CGAGGCGGGTGGATCATGAGGT 3'(SEQ ID NO: 3)

4 and

5' TCTGTCGCCCCAGGCCGGACT 3' (SEQ ID NO: 4).

6. (Previously Presented) The process of claim 1, wherein the amplification is a polymerase chain reaction with the primers containing the following sequences:

5' GAGATCGAGACCACGGTGAAA 3' (SEQ ID NO: 5)

and

5' TTTGAGACGGAGTCTCGTT 3' (SEQ ID NO: 6).

7. (Original) The process of claim 1, wherein the quantitation step comprises the step of detecting the human DNA on an agarose gel stained with ethidium bromide.

8. (Original) The process of claim 1, wherein the quantitation step comprises the step of detecting the human DNA by using a qPCR system.

9. (Original) The process of claim 1, wherein the quantitation step comprises the step of detecting the human DNA by using *TaqMan* chemistry.

10. (Canceled)

11. (Canceled)

1 12. (Canceled)

1 13. (Canceled)

1 14. (Canceled)

1 15. (Canceled)

1 16. (Canceled)

1 17. (Canceled)

1 18. (Canceled)

1 19. (Canceled)

1 20. (Canceled)

1 21. (Previously Presented) A process for quantitating a human DNA in a sample, said
2 process comprising the steps of:
3 providing a sample to be analyzed;

4 amplifying predetermined genomic DNA containing an *Alu* element by using primers,
5 said *Alu* element being present only in the human genome, the amplification being intra-*Alu*
6 polymerase chain reaction amplification; and

7 quantitating the human DNA by comparing the amplified DNA with a reference.

1 22. (Previously Presented) A process for quantitating a human DNA in a sample, said
2 process comprising the steps of:

3 providing a sample to be analyzed;

4 amplifying predetermined genomic DNA containing a young *Alu* element by using
5 primers, said young *Alu* element being largely absent from non-human primates, the
6 amplification being intra-*Alu* polymerase chain reaction amplification; and

7 quantitating the human DNA by comparing the amplified DNA with a reference.